

CLAIM AMENDMENTS

Claims 1 through 63 (canceled).

1 64. (previously added) An isolated pyruvate carboxylase
2 gene coding for the amino acid sequence given under SEQ ID NO: 2.

1 65. (previously added) An isolated pyruvate carboxylase
2 gene with the nucleotide sequence of nucleotides 165 to 3587
3 according to SEQ ID NO: 1.

66 through 69 (canceled)

1 70. (previously added) The isolated pyruvate carboxylase
2 gene defined in claim 65 with a preceding promoter of the nucleo-
3 tide sequence from nucleotide 20 to 109 according to SEQ ID NO:1.

1 71. (previously amended) The isolated pyruvate
2 carboxylase gene according to claim 65 with a preceding tac
3 promoter.

1 72. (previously added) The isolated pyruvate carboxylase
2 gene according to claim 71 with a regulatory gene sequence associ-
3 ated with the tac promoter.

1 73. (previously added) The isolated pyruvate carboxylase
2 gene according to claim 70 associated with a regulatory gene
3 sequence.

1 74. (previously added) A nucleic acid comprising an
2 isolated pyruvate carboxylase gene according to claim 65, preceded
3 by a promoter and associated with a regulatory gene sequence.

1 75. (previously added) A vector containing an isolated
2 pyruvate carboxylase gene according to claim 65.

1 76. (previously added) A transformed cell containing in
2 replicatable form an isolated pyruvate carboxylase gene according
3 to claim 65.

1 77. (previously added) A transformed cell containing a
2 vector according to claim 75.

1 78. (previously added) A transformed cell according to
2 claim 76 belonging to the genus *Corynebacterium*.

Claims 79 and 80 (canceled).

1 81. (previously added) A pyruvate carboxylase gene
2 isolated from a *Corynebacterium* and which consists essentially of
3 nucleotides 165 to 3587 according to SEQ ID No. 1.

1 82. (currently amended) An isolated pyruvate carboxylase
2 polypeptide having an amino acid sequence at least 95% identical to
3 a sequence selected from the group consisting of:

4 (a) the amino acid sequence of the pyruvate carboxylase
5 polypeptide having the complete amino acid sequence in SEQ ID NO:
6 2; and

7 (b) the amino acid sequence of the pyruvate carboxylase
8 polypeptide having the complete amino acid sequence encoded by the
9 clone contained in ~~ATCC Deposit No. PTA 982~~ strain ATCC 13032 WT
10 (pEKO pyc).

1 83. (previously added) The isolated pyruvate carboxyl-
2 ase polypeptide of claim 82 wherein the pyruvate carboxylase
3 polypeptide comprises an amino acid sequence at least 95% identical
4 to the amino acid sequence of the pyruvate carboxylase polypeptide
5 having the amino acid sequence of SEQ ID NO :2.

1 84. (previously added) The isolated pyruvate carboxyl-
2 ase polypeptide of claim 82 comprising the amino acid sequence of
3 SEQ ID NO: 2.

1 85. (currently amended) The isolated pyruvate carboxyl-
2 ase polypeptide of claim 82, wherein the pyruvate carboxylase
3 polypeptide comprises an amino acid sequence at least 95% identical
4 to the amino acid sequence of the pyruvate carboxylase polypeptide
5 having the amino acid sequence encoded by the clone obtained in
6 ATCC Deposit No. PTA-982 in strain ATCC 13032 WT (pEKO pyc).

1 86. (currently amended) The isolated pyruvate carboxyl-
2 ase polypeptide of claim 82 comprising the amino acid sequence
3 encoded by the clone obtained in ATCC Deposit No. PTA-982 in strain
4 ATCC 13032 WT (pEKO pyc).

1 87. (new) A vector comprising an isolated pyruvate
2 carboxylase gene according to claim 64.

1 88. (new) A vector comprising an isolated pyruvate
2 carboxylase gene according to claim 81.

1 89. (new) A transformed cell comprising in replicable
2 form an isolated pyruvate carboxylase gene according to claim 64.

1 90. (new) A transformed cell comprising in replicable
2 form an isolated pyruvate carboxylase gene according to claim 81.